



1/14

FIG. 1A

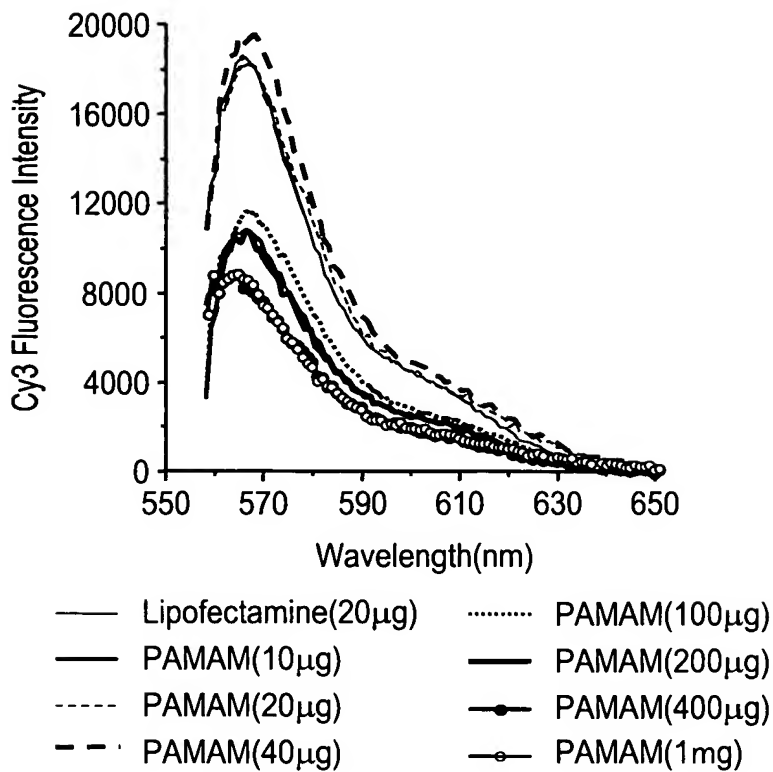
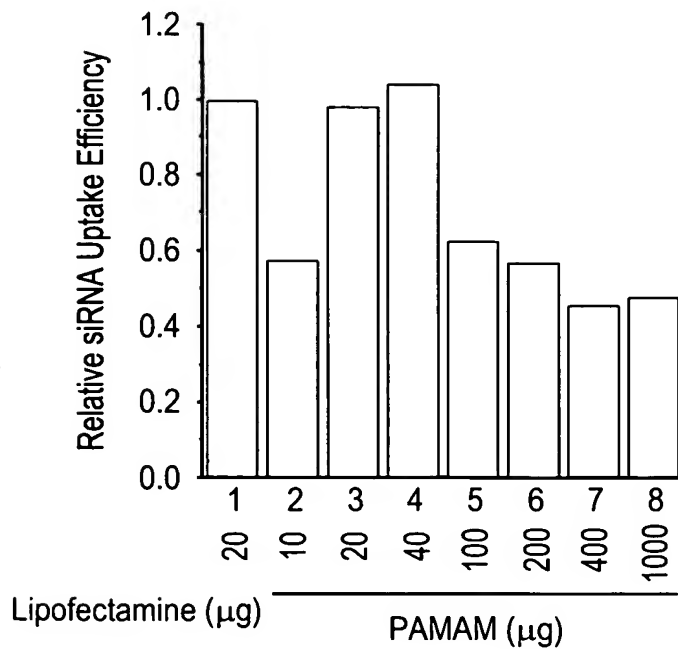
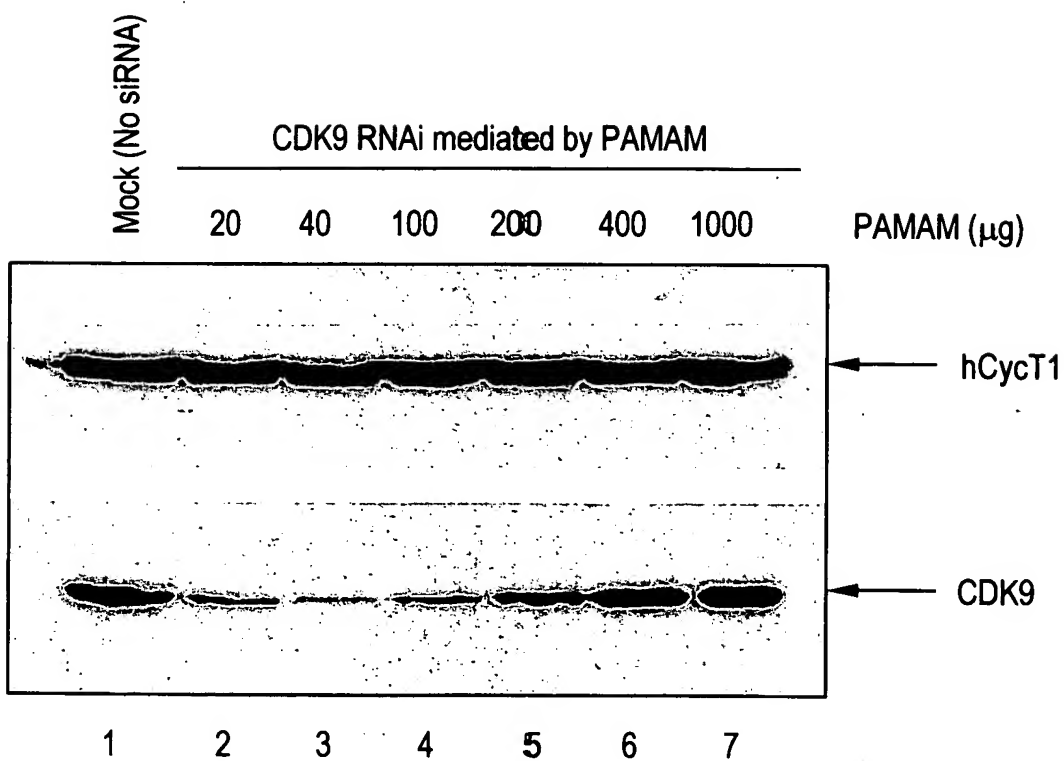


FIG. 1B



2/14

FIG. 2



3/14

FIG. 3A

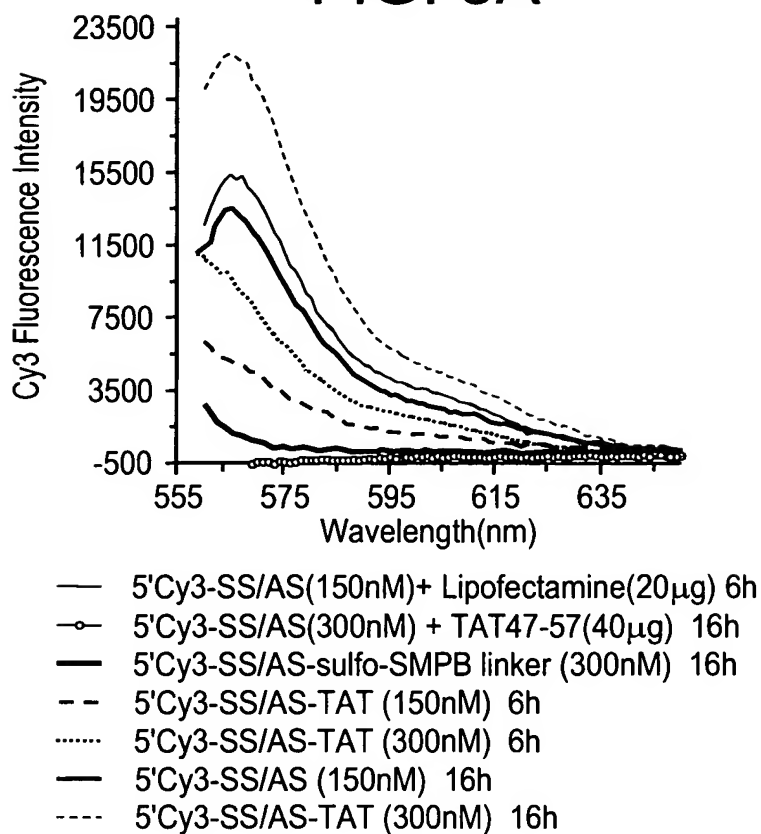
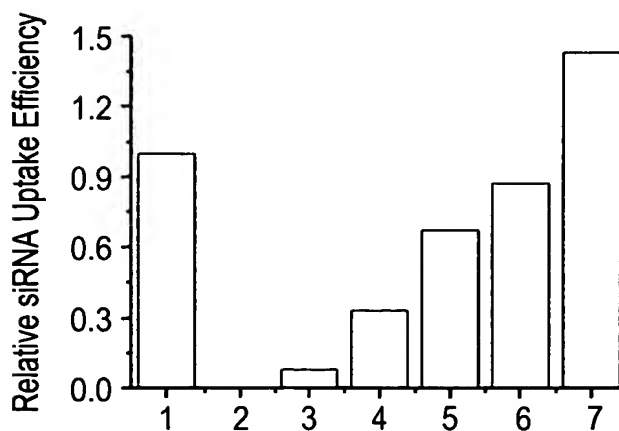


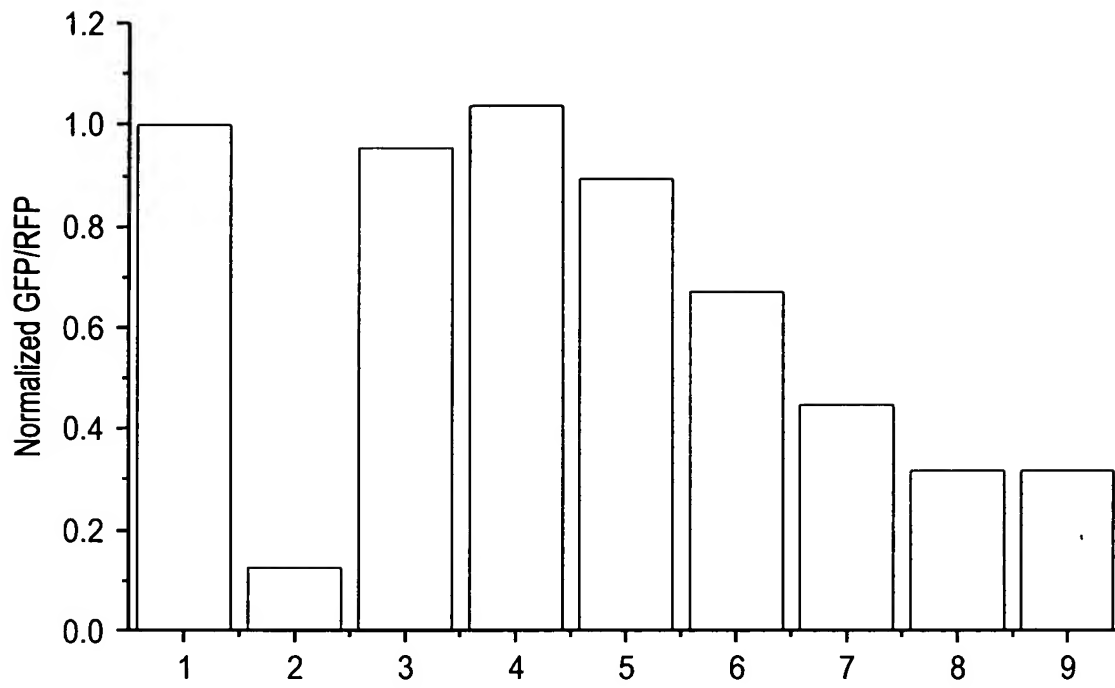
FIG. 3B



- | | |
|--|---------------------------------|
| 1. Cy3-SS/AS-3'N3 (300nM) by Lipofectamine | 5. Cy3-SS/AS-3'TAT (300nM), 6h |
| 2. Cy3-SS/AS-3'N3+TAT (300nM), 16h | 6. Cy3-SS/AS-3'TAT (150nM), 16h |
| 3. Cy3-SS/AS-3' sulfo-SMPB (300nM), 16h | 7. Cy3-SS/AS-3'TAT (300nM), 16h |
| 4. Cy3-SS/AS-3'TAT (150nM), 6h | |

4/14

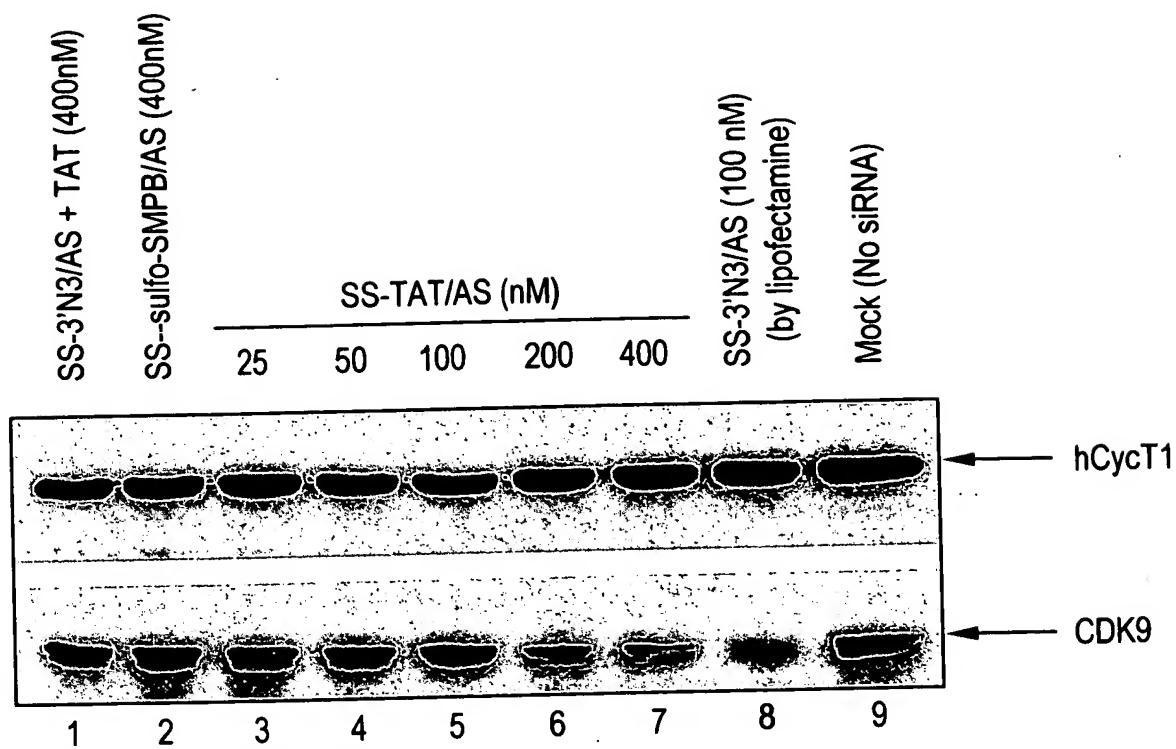
FIG. 4



1. Mock
2. SS/AS-3'N3 (100nM) by Lipofectamine
3. SS/AS-3'N3+TAT (300nM)
4. SS/AS-3'N3-Sulfo-SMPB (300nM)
5. SS/AS-3'TAT (25nM)
6. SS/AS-3'TAT (50nM)
7. SS/AS-3'TAT (100nM)
8. SS/AS-3'TAT (200nM)
9. SS/AS-3'TAT (300nM)

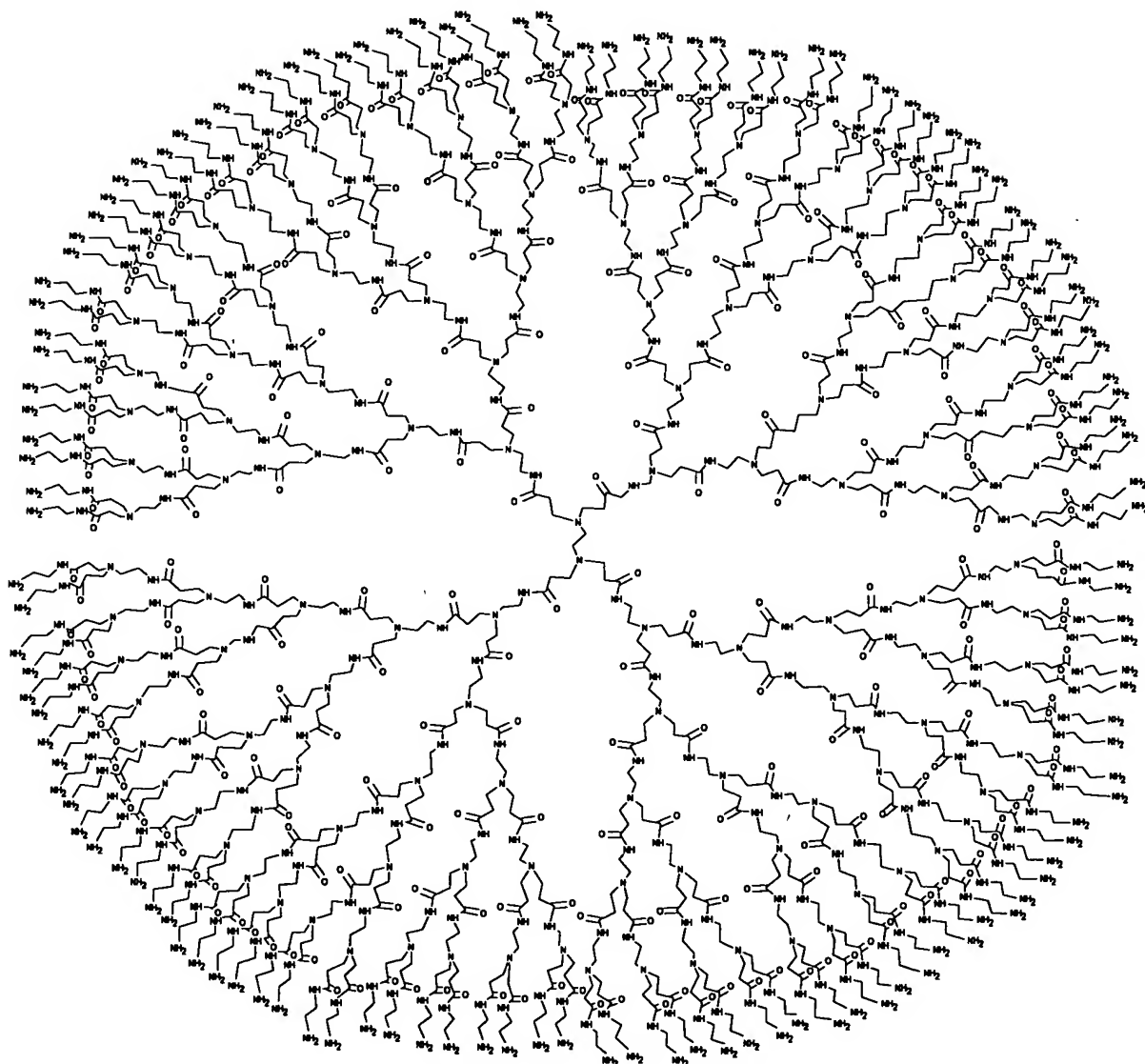
5/14

FIG. 5



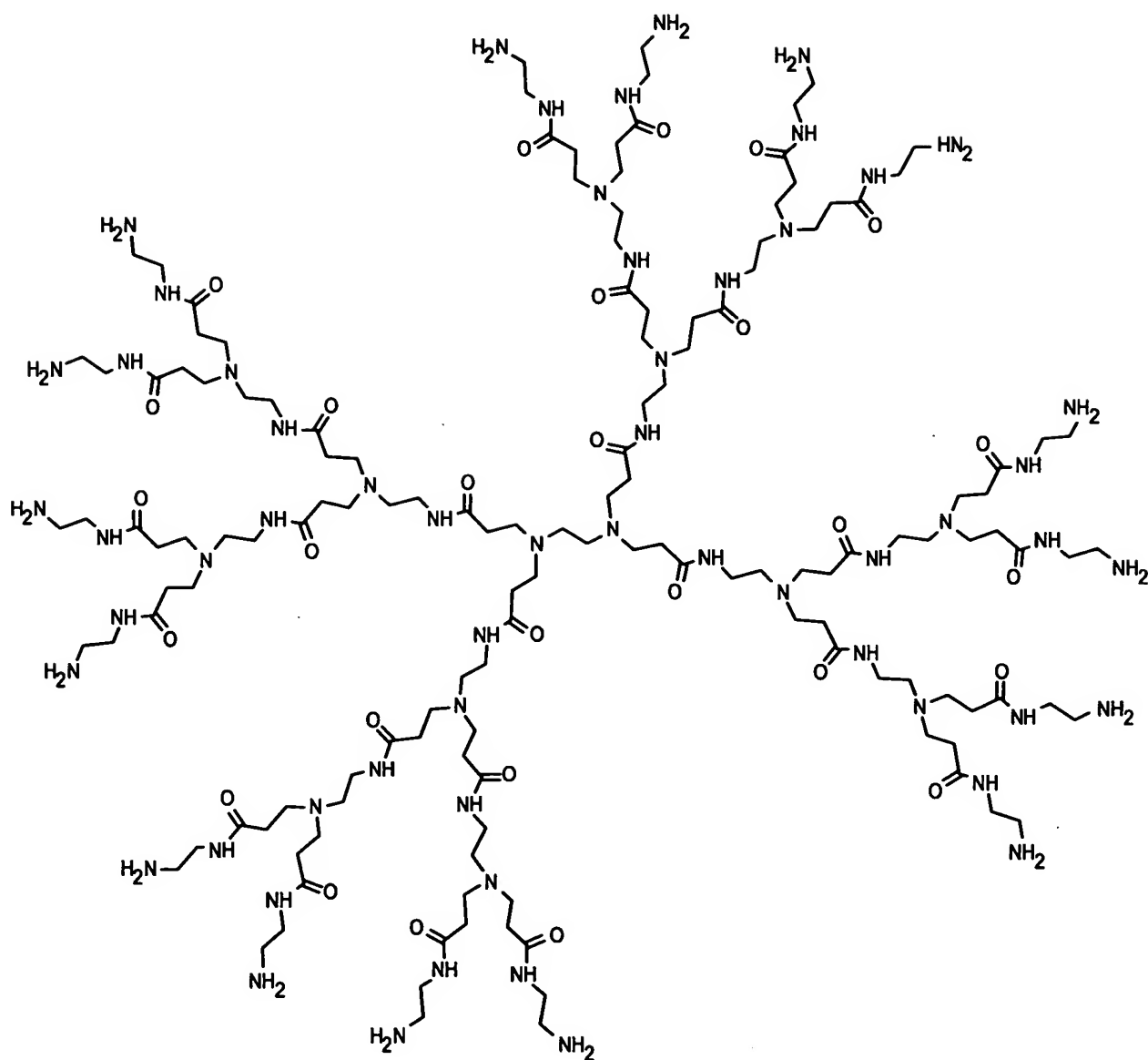
6/14

FIG. 6A



7/14

FIG. 6B



8/14

FIG. 6C-1

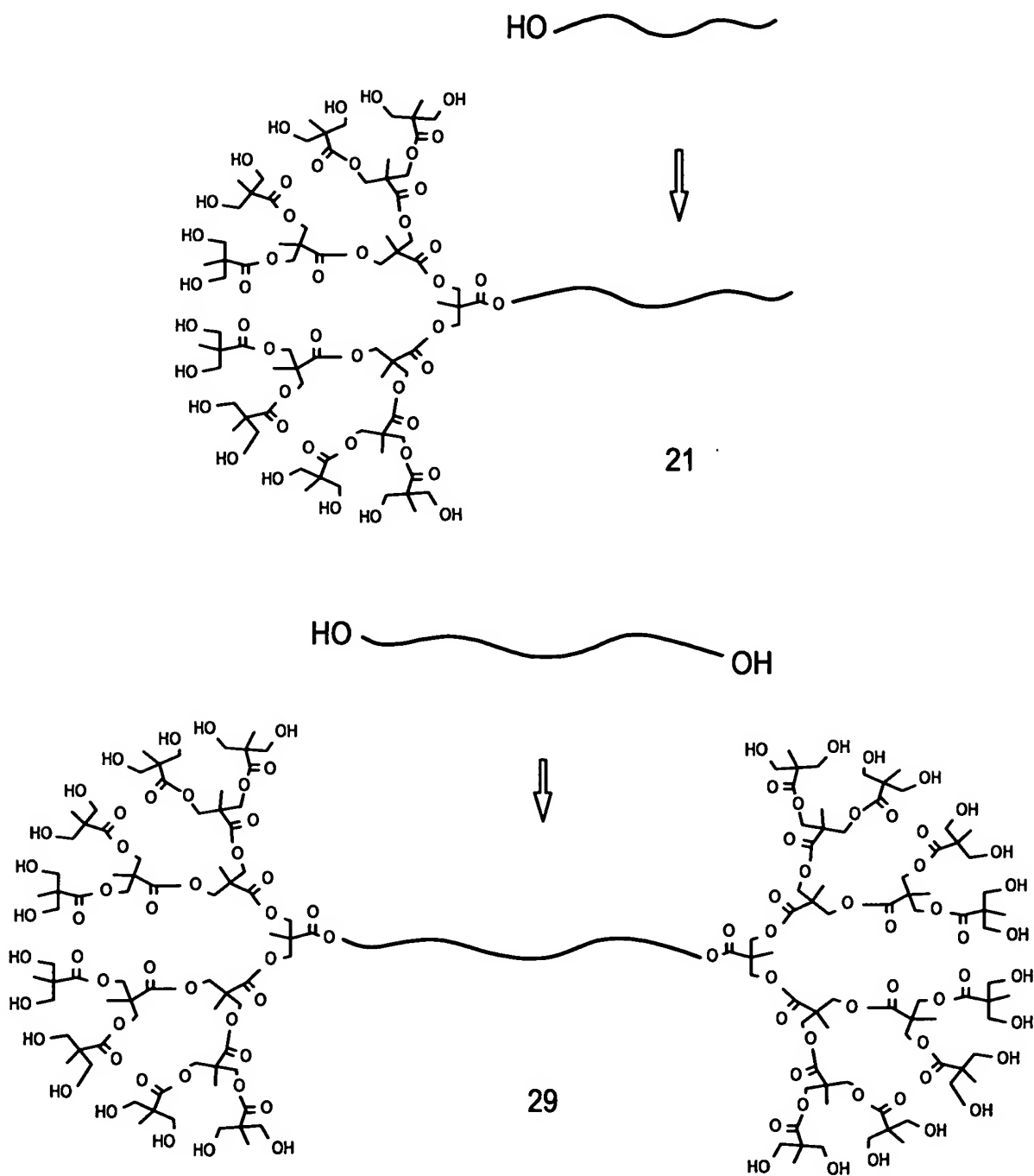
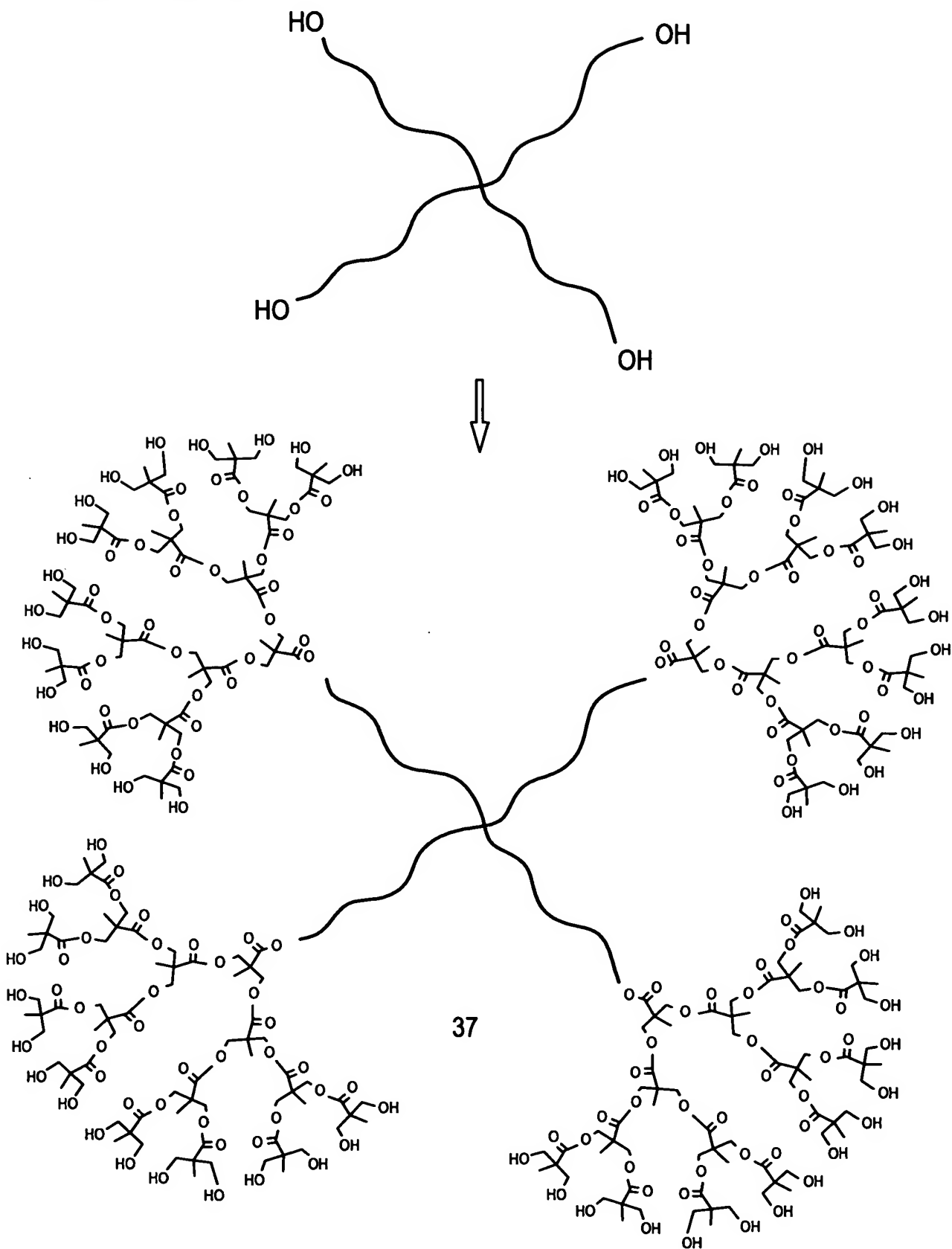


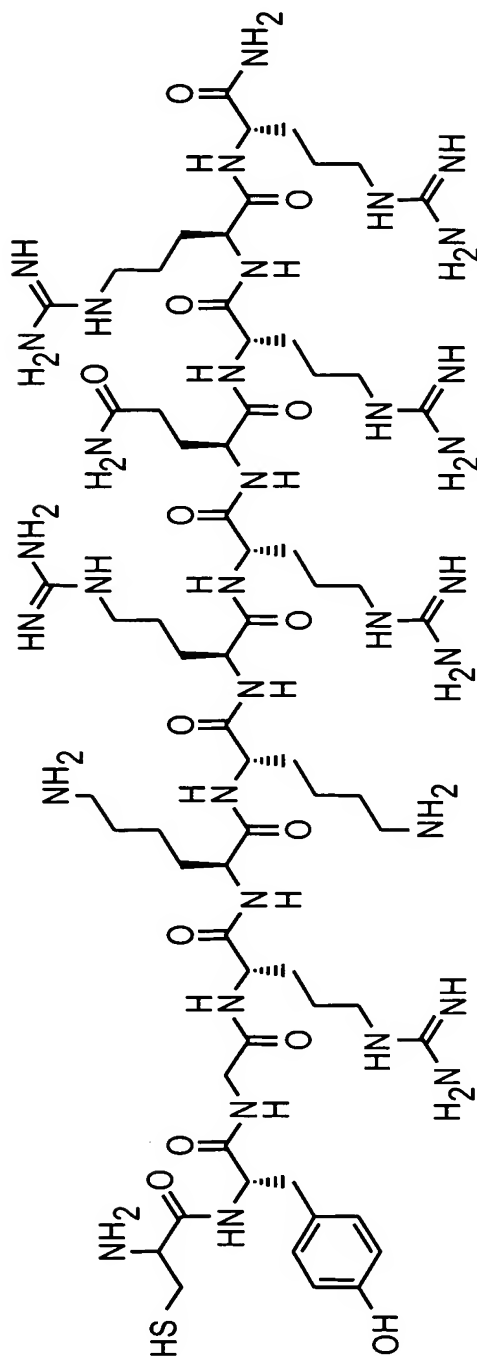
FIG. 6C-2

9/14



10/14

FIG. 7


$$\text{C}_{67}\text{H}_{124}\text{N}_{34}\text{O}_{14}\text{S}$$

Exact Mass: 1660.98

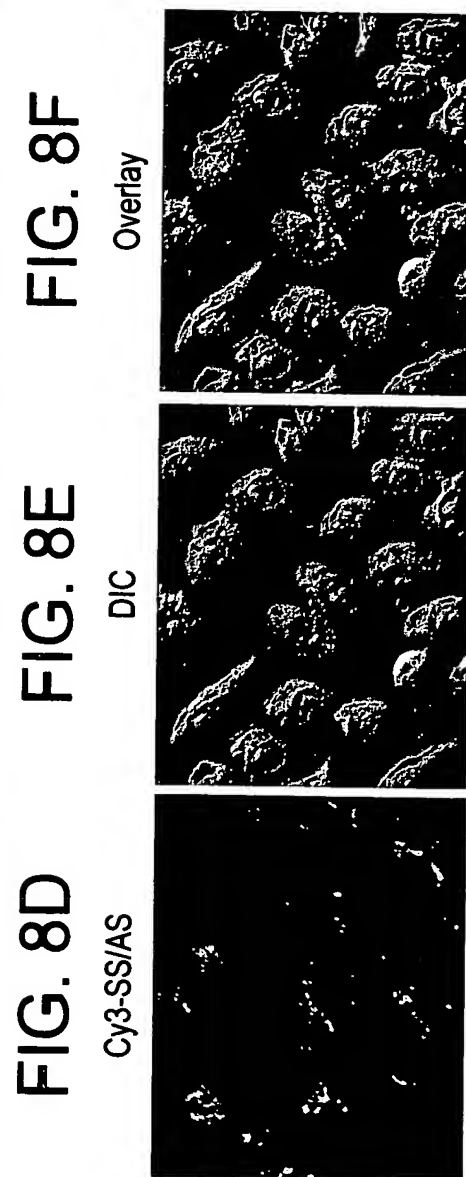
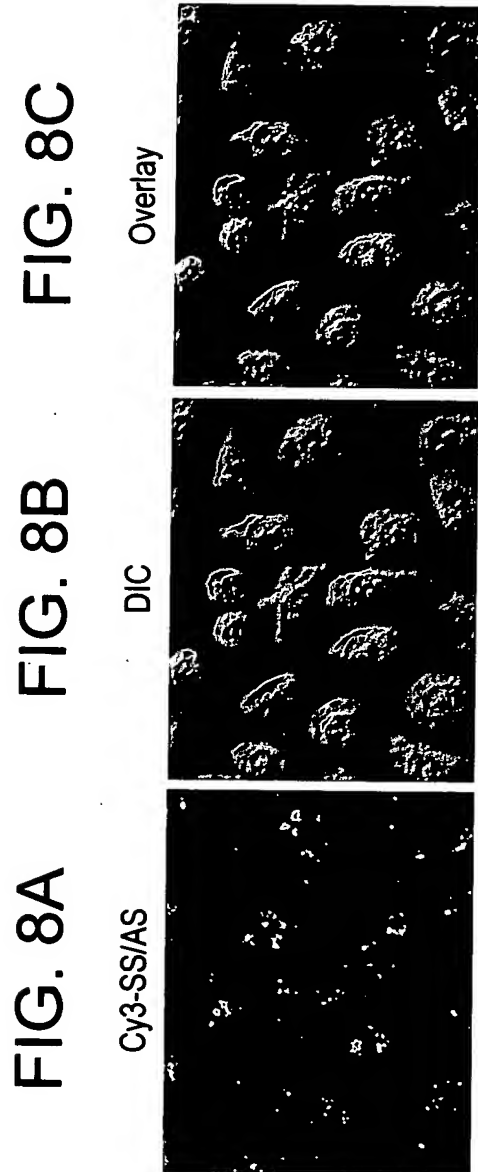
Mol. Wt: 1661.99

C, 48.42; H, 7.52; N, 28.65; O, 13.48; S, 1.93

Cys-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg

SEQ ID NO.11

11/14



12/14

FIG. 9A

Cy3-SS/AS

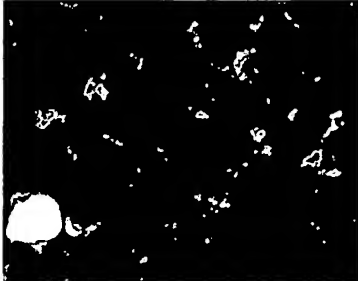


FIG. 9B

DIC



FIG. 9C

Overlay

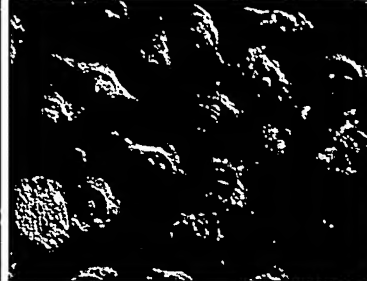


FIG. 9D

Cy3-SS/AS



FIG. 9E

DIC

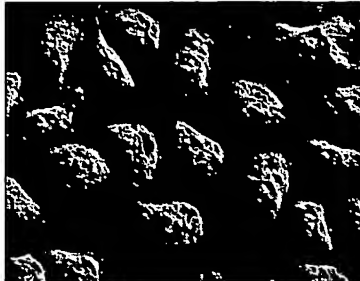


FIG. 9F

Overlay

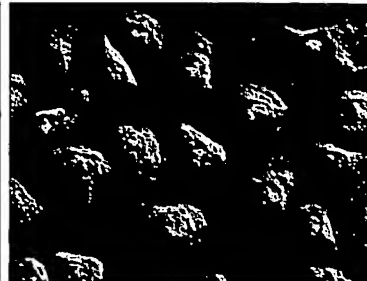


FIG. 9G

Cy3-SS/AS



FIG. 9H

DIC

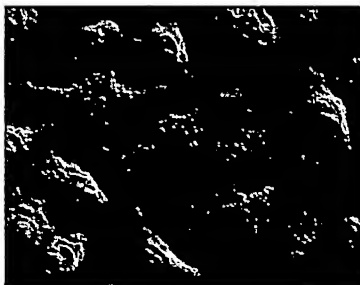


FIG. 9I

Overlay



13/14

FIG. 10A

Cy-SS/AS-TAT(47-57)



FIG. 10B

DIC

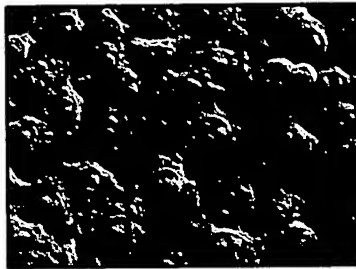


FIG. 10C

Overlay

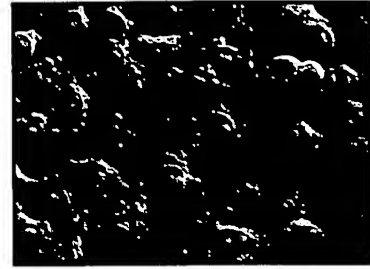


FIG. 10D

Cy-SS/AS-TAT(47-57)



FIG. 10E

DIC

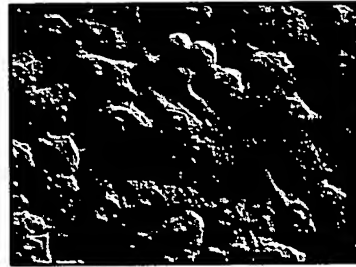


FIG. 10F

Overlay

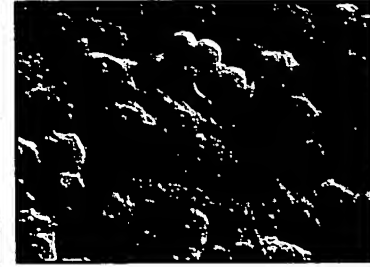


FIG. 10G

Cy-SS/AS-TAT(47-57)



FIG. 10H

DIC

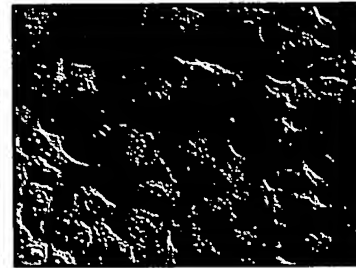


FIG. 10I

Overlay

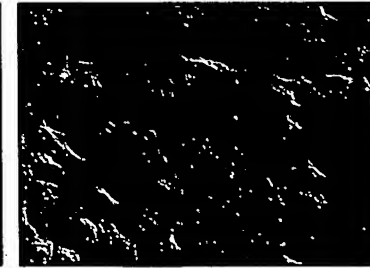


FIG. 11

